

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/666, 095A
Source: IFW16
Date Processed by STIC: 12/28/2005

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 12/28/2005

PATENT APPLICATION: US/10/666,095A

TIME: 13:16:39

Input Set : A:\Hammer 0212-1 on 12-19-05.txt

Output Set: N:\CRF4\12282005\J666095A.raw

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3 <110> APPLICANT: Hammer, Robert P.
4      Fu, Yanwen
5      Aucoin, Jed P.
6      Miller, Tod J.
7      McLaughlin, Mark L.
8      McCarley, Robin L.
10 <120> TITLE OF INVENTION: Anti-fibril Peptides
12 <130> FILE REFERENCE: 0212.1 Hammer
14 <140> CURRENT APPLICATION NUMBER: 10/666,095A
15 <141> CURRENT FILING DATE: 2003-09-18
17 <150> PRIOR APPLICATION NUMBER: 60/412,081
18 <151> PRIOR FILING DATE: 2002-09-19
20 <160> NUMBER OF SEQ ID NOS: 17
22 <170> SOFTWARE: PatentIn version 3.2, WordPerfect 10
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 5
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
31 Lys Leu Val Phe Phe
32 1      5
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 4
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
42 Lys Leu Val Phe
43 1
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 6
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 3
53 Lys Leu Val Phe Phe Ala
54 1      5
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 12
59 <212> TYPE: PRT
60 <213> ORGANISM: artificial sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID NO: 3, which is in turn derived from Homo sapiens.
67 <220> FEATURE:

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68 <221> NAME/KEY: MISC_FEATURE
69 <222> LOCATION: (2)..(2)
70 <223> OTHER INFORMATION: X in position 2 is C-alpha,alpha-diisobutylglycine.
72 <220> FEATURE:
73 <221> NAME/KEY: MISC_FEATURE
74 <222> LOCATION: (4)..(4)
75 <223> OTHER INFORMATION: X in position 4 is C-alpha,alpha-dibenzylglycine.
77 <220> FEATURE:
78 <221> NAME/KEY: MISC_FEATURE
79 <222> LOCATION: (6)..(6)
80 <223> OTHER INFORMATION: X in position 6 is C-alpha,alpha-dipropylglycine.
82 <220> FEATURE:
83 <221> NAME/KEY: MISC_FEATURE
84 <222> LOCATION: (12)..(12)
85 <223> OTHER INFORMATION: The Lys in position twelve is in amide form.
87 <400> SEQUENCE: 4
W--> 89 Lys Xaa Val Xaa Phe Xaa Lys Lys Lys Lys Lys Lys
90 1 5 10
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 12
95 <212> TYPE: PRT
96 <213> ORGANISM: artificial sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
100 NO: 3, which is in turn derived from Homo sapiens.
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (8)..(8)
106 <223> OTHER INFORMATION: Xaa in position eight denotes C-alpha,alpha-
diisobutylglycine.
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (10)..(10)
111 <223> OTHER INFORMATION: Xaa in position ten denotes C-alpha,alpha-dibenzylglycine.
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (12)..(12)
116 <223> OTHER INFORMATION: Xaa in position twelve denotes C-alpha,alpha-dipropylglycine
117 amide.
119 <400> SEQUENCE: 5
W--> 121 Lys Lys Lys Lys Lys Lys Lys Xaa Val Xaa Phe Xaa
122 1 5 10
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 7
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
132 NO: 3, which is in turn derived from Homo sapiens.
135 <220> FEATURE:

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136 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (2)..(2)
138 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (4)..(4)
143 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (6)..(6)
148 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dipropylglycine.
150 <220> FEATURE:
151 <221> NAME/KEY: misc_feature
152 <222> LOCATION: (7)..(7)
153 <223> OTHER INFORMATION: Lys in position seven is in amide form.
155 <400> SEQUENCE: 6
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158 1 5
161 <210> SEQ ID NO: 7
162 <211> LENGTH: 6
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
168 NO: 3, which is in turn derived from Homo sapiens.
171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (2)..(2)
174 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (4)..(4)
179 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: (6)..(6)
184 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dibenzylglycine
amide.
186 <400> SEQUENCE: 7
W--> 188 Lys Xaa Val Xaa Phe Xaa
189 1 5
192 <210> SEQ ID NO: 8
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
199 NO: 3, which is in turn derived from Homo sapiens.
202 <220> FEATURE:
203 <221> NAME/KEY: misc_feature

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Input Set : A:\Hammer 0212-1 on 12-19-05.txt

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204 <222> LOCATION: (2)..(2)
 205 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-dipropylglycine.
 207 <220> FEATURE:
 208 <221> NAME/KEY: misc_feature
 209 <222> LOCATION: (4)..(4)
 210 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dipropylglycine.
 212 <220> FEATURE:
 213 <221> NAME/KEY: misc_feature
 214 <222> LOCATION: (6)..(6)
 215 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dipropylglycine.
 217 <220> FEATURE:
 218 <221> NAME/KEY: misc_feature
 219 <222> LOCATION: (8)..(8)
 220 <223> OTHER INFORMATION: Glu in position 8 is in amide form.
 222 <400> SEQUENCE: 8
 W--> 224 Lys Xaa Val Xaa Thr Xaa Val Glu
 225 1 5
 228 <210> SEQ ID NO: 9
 229 <211> LENGTH: 5
 230 <212> TYPE: PRT
 231 <213> ORGANISM: Homo sapiens
 233 <400> SEQUENCE: 9
 235 Phe Leu Val His Ser
 236 1 5
 239 <210> SEQ ID NO: 10
 240 <211> LENGTH: 5
 241 <212> TYPE: PRT
 242 <213> ORGANISM: Homo sapiens
 244 <400> SEQUENCE: 10
 246 Asn Phe Leu Val His
 247 1 5
 250 <210> SEQ ID NO: 11
 251 <211> LENGTH: 6
 252 <212> TYPE: PRT
 253 <213> ORGANISM: Homo sapiens
 255 <400> SEQUENCE: 11
 257 Asn Phe Gly Ala Ile Leu
 258 1 5
 261 <210> SEQ ID NO: 12
 262 <211> LENGTH: 9
 263 <212> TYPE: PRT
 264 <213> ORGANISM: Homo sapiens
 266 <400> SEQUENCE: 12
 268 Val Gly Gly Ala Val Val Thr Gly Val
 269 1 5
 272 <210> SEQ ID NO: 13
 273 <211> LENGTH: 14
 274 <212> TYPE: PRT
 275 <213> ORGANISM: Homo sapiens

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Input Set : A:\Hammer 0212-1 on 12-19-05.txt

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277 <400> SEQUENCE: 13
279 Val Asn Ile Thr Ile Lys Gln His Thr Val Thr Thr Thr Thr
280 1          5          10
283 <210> SEQ ID NO: 14
284 <211> LENGTH: 6
285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 14
290 Leu Ala Asn Phe Leu Val
291 1          5
294 <210> SEQ ID NO: 15
295 <211> LENGTH: 6
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 15
301 Phe Leu Val His Ser Ser
302 1          5
305 <210> SEQ ID NO: 16
306 <211> LENGTH: 4
307 <212> TYPE: PRT
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 16
312 Ala Gly Asp Val
313 1
316 <210> SEQ ID NO: 17
317 <211> LENGTH: 6
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID NO: 3, which is in turn derived from Homo sapiens.
323
326 <220> FEATURE:
327 <221> NAME/KEY: misc_feature
328 <222> LOCATION: (2)..(2)
329 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
331 <220> FEATURE:
332 <221> NAME/KEY: misc_feature
333 <222> LOCATION: (4)..(4)
334 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
336 <220> FEATURE:
337 <221> NAME/KEY: misc_feature
338 <222> LOCATION: (6)..(6)
339 <223> OTHER INFORMATION: Lys in position six is in amide form.
341 <400> SEQUENCE: 17
W--> 343 Lys Xaa Val Xaa Phe Lys
344 1          5

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/28/2005
PATENT APPLICATION: US/10/666,095A TIME: 13:16:40

Input Set : A:\Hammer 0212-1 on 12-19-05.txt
Output Set: N:\CRF4\12282005\J666095A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 2,4,6 /
Seq#:5; Xaa Pos. 8,10,12 /
Seq#:6; Xaa Pos. 2,4,6 /
Seq#:7; Xaa Pos. 2,4,6 /
Seq#:8; Xaa Pos. 2,4,6 /
Seq#:17; Xaa Pos. 2,4

VERIFICATION SUMMARY

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Input Set : A:\Hammer 0212-1 on 12-19-05.txt

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L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0